Attv. Dkt No. 8325-0014.20

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FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet _1_ of _9_

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In the Application of Wolffe

Serial No.: 10/084,826

Filed: October 24, 2001

Art Unit: 1645 1636

Examiner: unassigned AKHAVA

Title: TARGETED MODIFICATION OF CHROMATIN STRUCTURE

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
M	AA-1	5,972,608	October 26, 1999	Peterson et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Trans YES	lation NO
Rs	AB-1	WO 95/09233	April 6, 1995	РСТ				
	AC-1	WO 97/11972	April 3, 1997	РСТ				
_/ _	AD-1	WO 00/23464	April 27, 2000	РСТ				
	AE-1	WO 00/41566	July 20, 2000	РСТ				•
	AF-1	WO 00/42219	July 20, 2000	РСТ				
	AG-1	WO 01/52620	July 26, 2001	РСТ				
	AH-1	WO 01/59094	August 16, 2001	PCT				
W	Al-1	WO 01/68807	September 20, 2001	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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Sheet 2 of 9

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Serial No.: 10/084,826

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Title: TARGETED MODIFICATION OF CHROMATIN STRUCTURE

Exam. Init.	Ref. Desig.	Description
at	AJ-1	Ahringer, "NuRD and SIN 3 Histone Deacetylase Complexes in Development," <i>Trends in Genetics</i> 16:351-356 (2000)
	AK-1	Bergel et al., "Structural and Functional Definition of the Human Chitinase Chitin- binding Domain," <i>Journal of Biological Chemistry</i> 275(1):514-520 (2000)
	AL-1	Bird et al., "Methylation-Induced Repression-Belts, Braces, and Chromatin," Cell 99:451-454 (1999)
	AM-1	Bochar et al., "A Family of Chromatin Remodeling Factors Related Williams Syndrome Transcription Factor," <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>97</u> :1038-1043 (2000)
	AN-1	Boyes et al., "Regulation of Activity of the Transcription Factor GATA-1 by Acetylation," <i>Nature</i> 396:594-598 (1998)
	AO-1	Cairns et al., "Two Functionally Distinct Forms of the RSC Nucleosome-Remodeling Complex, Containing Essential AT Hook, BAH, and Bromodomains," <i>Molecular Cell</i> 4:715-723 (1999)
	AP-1	Cairns, B.R., "Chromatin Remodeling Machines: Similar Motors, Ulterior Motives," Trends Biochem. Sci. <u>23</u> :20-25 (1998)
	AQ-1	Chen et al., "Regulation of Transcription by a Protein Methyltransferase," Science 284:2174-2177 (1999)
	AR-1	de La Serna et al., "Mammalian SWI-SNF Complexes Contribute to Activation of the hsp 70 Gene," Mol. Cell Biol. 20:2839-2851 (2000)
16	AS-1	Devine et al., "After Chromatin is SWItched-on Can it be RUSHed?," <i>Molecular and Cellular Endocrinology</i> 151(1-2):49-56 (1999)

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In th Application of Wolffe

S rial No.: 10/084,826

Filed: October 24, 2001

Art Unit: 1,845 1636

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Titl: TARGETED MODIFICATION OF CHROMATIN STRUCTURE

Exam. Init.	Ref. Desig.	Description
Ar	AT-1	Deuring et al., "The ISWI Chromatin-Remodeling Protein is Required for Gene Expression and the Maintenance of Higher Order Chromatin Structure In Vivo," Mol. Cell 5:355-365 (2000)
	AU-1	Fryer et al., "Chromatin Remodelling by the Glucocorticoid Receptor Requires the BRG 1 Complex," <i>Nature</i> 393:88-91 (1998)
	AV-1	Grunstein, M., "Histone Acetylation in Chromatin Structure and Transcription," <i>Nature</i> 389:349-352 (1997)
	AW-1	Gu et al., "Activation of p53 Sequence-Specific DNA Binding by Acetylation of the p53-C-Terminal Domain," Cell 90:595-606 (1997)
	AX-1	Guschin et al., "ATP-Dependent Histone Octamer Mobilization and Histone Deacetylation Mediated by the Mi-2 Chromatin Remodeling Complex," <i>Biochemistry</i> 30:5238-5245 (2000)
	AY-1	Hartzog et al., "Nucleosomes and Transcription: Recent Lessons from Genetics," Curr. Opin. Genet. Devel. 7:192-198 (1997)
	AZ-1	Herrera et al., "Specific Acetylation of Chromosomal Protein HMG-17 by PCAF Alters Its Interaction with Nucleosomes," <i>Molecular and Cellular Biolology</i> 19(5):3466-3473 (1999)
	BA-1	Holstege et al., "Dissecting the Regulatory Circuitry of a Eukaryotic Genome," <i>Cell</i> 95:717-728 (1998)
14	BB-1	Imhof et al., "Acetylation of General Transcription Factors by Histone Acetyltransferases," Current Biology 7:689-692 (1997)

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Exam. Init.	Ref. Desig.	Description
M	BC-1	Jacobson et al., "Structure and Function of a Human TAF 250 Double Bromodomain Module," <i>Science</i> 288:1422-1425 (2000)
	BD-1	Kadam et al., "Functional Selectivity of Recombinant Mammalian SWI/SNF Subunits," Genes & Development 14:2441-2451 (2000)
	BE-1	Kadonaga, J.T., "Eukaryotic Transcription: An Interlaced Network of Transcription Factors and Chromatin-Modifying Machines," <i>Cell</i> 92:307-313 (1998)
	BF-1	Kehle et al., "dMi-2, Hunchback-Interacting Protein that Functions in <i>Polycomb</i> Repression," <i>Science</i> <u>282</u> :1897-1900 (1998)
	BG-1	Kim et al., "Hybrid Restriction Enzymes: Zinc Finger Fusions to <i>Fok</i> I Cleavage Domain," <i>PNAS</i> <u>93</u> (3):1156-1160 (1996)
	BH-1	Kingston et al., "ATP-Dependent Remodeling and Acetylation as Regulators of Chromatin Fluidity," <i>Genes & Development</i> 13:2339-2352 (1999)
	Bi-1	Klug,A., "Zinc Finger Peptides for the Regulation of Gene Expression," <i>J. Mol. Biol.</i> 293:215-218 (1999)
	BJ-1	Knoepfler et al., "Sin Meets NuRD and Other Tails of Repression," <i>Cell</i> <u>99</u> :447-450 (1999)
	BK-1	Kornberg et al., "Twenty-Five Years of the Nucleosome, Fundamental Particle of the Eukaryote Chromosome," <i>Cell</i> <u>48</u> :285-294 (1999)
M	BL-1	Kouzarides,T., "Histone Acetylases and Deacetylases in Cell Proliferation," Current Opin. Genet. Devel. 9:40-48 (1999)

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S rial No.: 10/084,826

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Titl: TARGETED MODIFICATION OF CHROMATIN STRUCTURE

Exam. Init.	Ref. Desig.	Description
As-	BM-1	Kuo et al., "Roles of Histone Acetyltransferases and Deacetylases in Gene Regulation," BioEssays 20:615-626 (1998)
	BN-1	Laurent et al., "Functional Interdependence of the Yeast SNF2, SNF5, and SNF6 Proteins in Transcriptional Activation," PNAS 88:2687-2691 (1991)
	BO-1	LeRoy et al., "Requirement of RSF and FACT for Transcription of Chromatin Templates in Vitro," Science 282:1900-1904 (1998)
	BP-1	McDowell et al., "Localization of a Putative Transcriptional Regulator (ATRX) at Pericentromeric Heterochromatin and the Short Arms of Acrocentric Chromosomes," PNAS 96:13983-13988 (1999)
	BQ-1	Miller et al., "Repetitve Zinc-Binding Domains in the Protein Transcription Factor IIIA From Xenopus Occytes," EMBO J. 4:1609-1614 (1985)
	BR-1	Mizzen et al., "Linking Histone Acetylation to Transcriptional Regulation," Cellular and Molecular Life Sciences 54:6-20 (1998)
	BS-1	Munshi et al., "Acetylation of HMG I(Y) by CBP Turns Off IFN β Expression by Disrupting the Enhanceosome," <i>Molecular Cell</i> 2:457-467 (1998)
	BT-1	Muchardt et al., "A Human Homologue of Saccharomyces cerevisiae SNF2/SW12 and Drosophila brm Genes Potentiates Transcriptional Activation by the Glucocoticoid Receptor," EMBO Journal 12:4279-4290 (1993)
	BU-1	Muchardt et al., "ATP-Dependent Chromatin Remodelling: SWI/SNF and Co. are on the Job," <i>Journal of Molecular Biology</i> 293:187-198 (1999)
pa	BV-1	Murphy et al., "Human SWI-SNF Component BRG1 Represses Transcription of the c-fos Gene," Molecular and Cellular Biology 19(4):2724-2733 (1999)

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Exam. Init.	Ref. Desig.	Description
No	BW-1	Näär et al., "Composite Co-Activator ARC Mediates Chromatin-Directed Transcriptional Activation," <i>Nature</i> 398:828-832 (1999)
	BX-1	Neely et al., "Activation Domain-Mediated Trargeting of the SWI/SNF Complex to Promoters Stimulates Transcription from Nucleosome Arrays," <i>Molecular Cell</i> 4:649-655 (1999)
	BY-1	Nielsen et al., "Rb Targets Histone H3 Methylation and HP1 to Promoters," <i>Nature</i> 412:561-565 (2001)
	BZ-1	Ng et al., "Histone Deacetylases: Silencers for Hire," <i>Trends Biochem</i> . Sci. <u>25</u> :121-126 (2000)
	CA-1	Pazin et al., "ATP-Dependent Nucleosome Reconfiguration and Transcriptional Activation from Preassembled Chromatin Templates," <i>Science</i> 266:2007-2011 (1994)
	CB-1	Peterson et al., "Promoter Targeting and Chromatin Remodeling by the SWI/SNF Complex," Current Opinions in Genetics & Development 10:187-192 (2000)
	CC-1	Peterson et al., "Recruitment of Chromatin Remodeling Machines," <i>Journal of Cellular Biochemistry</i> 78:179-185 (2000);
	CD-1	Picketts et al., "ATRX Encodes a Novel Member of the SNF2 Family of Proteins: Mutations Point to a Common Mechanism Underlying the ATR-X Syndrome," <i>Human Molecular Genetics</i> 5(12):1899-1907 (1996)
	CE-1	Rachez et al., "Ligand-Dependent Transcription Activation by Nuclear Receptors Requires the DRIP Complex," <i>Nature</i> 398:824-828 (1999)
M	CF-1	Rea et al., Regulation of Chromatin Structure by Site-Specific Histone H3 Methyltransferases," <i>Nature</i> 406:593-599 (2000)

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Exam. Init.	Ref. Desig.	Description
14	CG-1	Rhodes et al., "Zinc Fingers," Scientific American 268(2):56-65 (1993)
	CH-1	Roth et al, "Histone Acetylation and Chromatin Assembly: A Single Escort, Multiple Dances?," Cell 87:5-8 (1996)
	CI-1	Sassone-Corsi et al., "Requirement of Rsk-2 for Epidermal Growth Factor-Activated Phosphorylation of Histone H3," Science 285:886-891 (1999)
	CJ-1	Schultz et al., "Targeting Histone Deacetylase Complexes Via KRAB-Zinc Finger Proteins: The PHD and Bromodomains of KAP-1 Form a Cooperative Unit That Recruits a Novel Isoform of the Mi-2α Subunit of NuRD," <i>Genes & Development</i> 15:428-443 (2001)
	CK-1	Sterner et al., "Studies of Acetylation and Deacetylation in High Mobility Group Proteins," <i>The Journal of Biological Chemistry</i> 256(17):8892-8895 (1981)
	CL-1	Sterner et al., "Acetylation of Histones and Transcription-Related Factors," Microbiology and Molecular Biology Review 64(2):435-459 (2000)
	CM-1	Strahl et al., "The Language of Covalent Histone Modifications," <i>Nature</i> 403:41-45 (2000)
	CN-1	Struhl, "Histone Acetylation and Transcriptional Regulatory Mechanisms," <i>Genes Dev.</i> 12:599-606 (1998)
	CO-1	Sudarsanam et al., "Whole-Genome Expression Analysis of <i>snf/swi</i> Mutants of Saccaromyces Cerevisiae," <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>97</u> :3364-3369 (2000)
Da	CP-1	Sudarsanam et al., "The Swi/Snf Family Nucleosome-Remodeling Complexes and Transcriptional Control," <i>Trends in Genetics</i> 16:345-351 (2000)

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Exam. Init.	Ref. Desig.	Description
W	CQ-1	Tsukiyama et al., "Purification and Properties of an ATP-Dependent Nucleosome Remodeling Factor," Cell 83:1011-1020 (1995)
	CR-1	Tsukiyama et al., "Characterization of the Imitation Switch Subfamily of ATP-Dependent Chromatin-Remodeling Factors in <i>Saccharomyces cerevisiae</i> ," <i>Genes Dev.</i> 13:686-697 (1999)
	CS-1	Tyler et al., "The "Dark Side" of Chromatin Remodeling: Repressive Effects on Transcription," <i>Cell</i> <u>99</u> :443-446 (1999)
	CT-1	Van Steensel et al., "Identification of <i>In Vivo</i> DNA Targets of Chromatin Proteins Using Tethered Dam Methyltransferase," <i>Nature Biotechnology</i> 18:424-428 (2000)
	CU-1	Varga Weisz et al., "Energy-Dependent Chromatin Accessiblity and Nucleosome Mobility in a Cell-Free System," <i>EMBO J.</i> <u>14</u> (10):2209-2216 (1995)
	CV-1	Varga Weisz et al., "Chromatin-Remodelling Factor CHRAC Contains the ATPases ISW and Topoisomerase II," <i>Nature</i> . 388:598-602 (1997)
	CW-1	Wade et al., "Histone Acetylation: Chromatin in Action," <i>Trends Biochem Sci</i> <u>22</u> :128-132 (1997)
	CX-1	Wallberg et al., "Recruitment of the SWI-SNF Chromatin Remodeling Complex as a Mechanism of Gene Activation by the Glucocorticoid Receptor t1 Activation Domain," <i>Molecular and Cellular Biology</i> 20(6):2004-2013 (2000)
	CY-1	White et al., "Ligand-Independent Activation of the Oestrogen Receptor by Mutation of a Conserved Tyrosine," <i>EMBO Journal</i> <u>16</u> (6):1427-1435 (1997)
M	CZ-1	Wolffe et al., "Review: Chromatin Structural Features and Targets That Regulate // Transcription," Journal of Structural Biology 129:102-122 (2000)

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Serial No.: 10/084,826

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Examiner:

Art Omt. 1945

Examiner: unassigned

Title: TARGETED MODIFICATION OF CHROMATIN STRUCTURE

Exam. Init.	Ref. Desig.	Description
Rg	DA-1	Wolffe et al., "Co-Repressor Complexes and Remodeling Chromatin for Repression," Biochemical Society Transactions <u>28</u> (4):379-386 (2000)
/	DB-1	Wolffe et al., "Targeting Chromatin Disruption Transcription Regulators That Acetylate Histones," Cell 84:817-819 (1996)
	DC-1	Wong et al., "Determinants of Chromatin Disruption and Transcriptional Regulation Instigated by the Thyroid Hormone Receptor: Hormone-Regulated Chromatin Disruption is Not Sufficient for Transcriptional Activation," <i>EMBO Journal</i> 16(11):3158-3171 (1997)
	DD-1	Workman et al., "Alteration of Nucleosome Structure as a Mechanism of Transcriptional Regulation," <i>Ann. Rev. Biochem.</i> 67:545-579 (1998)
	DE-1	Xu et al., "Cytosine Methylation Targetted to Pre-Determined Sequences," <i>Nature Genetics</i> 17:376-378 (1997)
No	DF-1	Yoshinaga et al., "Roles of SWI1, SWI2, and SWI3 Proteins for Transcriptional Enhancement by Steroid Receptors," <i>Science</i> 258:1598-1604 (1992)

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